Aeon Sustainability Data Book

Reporting Period FY2023

March 1, 2023 to February 29, 2024

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Sustainability Web Site

https://www.aeon.info/en/sustainability/

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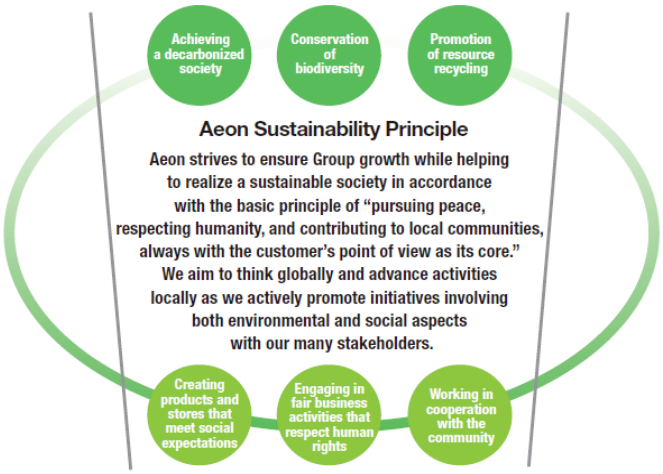
1. Goal of Sustainability	
corporate stance	**Basing Actions on our Company mission statement of "Supporting the Local Community through Commerce"** We have been engaged in CSR activities since the late 1980s in order to practice corporate behavior befitting a retailer that represents Japan and Asia, and to continuously provide the most important value for a retailer: affluence. We have created a system to systematically tackle this issue. Our first activity, launched in 1991, was the Aeon Hometown Forest Creation initiative, which took advantage of our community-based retail business and planted trees around our stores. In 2000, we obtained ISO 14001 certification, the international standard for environmental management.In 2001, we took the opportunity of changing our company name and established "Aeon Day" on the 11th of every month, creating the foundation for our current CSR activities. In 2004, we announced our support for the Global Compact advocated by the United Nations to strengthen sustainability activities from a global perspective, and in 2008 we announced the Aeon Decarbonization Vision, a policy that aims to realize a decarbonized society. (formulated in 2018), the Japanese retail industry became the first in the Japanese retail industry to announce the "Aeon Global Warming Prevention Declaration,'' which set CO2 emission reduction targets. We have formulated policies regarding "resource recycling" and "resource recycling." For Aeon, which aims to prosper local communities and enrich the lives of its customers, environmental issues such as climate change, resource depletion, and loss of biodiversity, a decline in the workforce due to the declining birthrate and aging population, and the decline of local communities are important issues for Aeon. Each one is an important issue. In order to return the bonds and knowledge we have built through building relationships with stakeholders to the local community and the lives of our customers, we are working as a group to transform ourselves into a model with less environmental impact, which is Aeon's "green" initiative. We are promoting it.
Sustainability Principle	**Continually innovating in response to customer changes** In March 2011, Aeon formulated the Aeon Sustainability Basic Policy in order to promote sustainability activities through its business and realize sustainable management that balances the growth of the group and the development of society. Announced. In formulating the new medium-term management plan, we derived from a long-term perspective the value that Aeon's business activities can provide to society, and based on global megatrends and social responsibility guidelines such as ISO 26000. Based on the outline, it is created through discussions among the Environmental Advisory Board, outside directors, and internal and external stakeholders involved in sustainability activities. **Aeon Sustainability Principle** 

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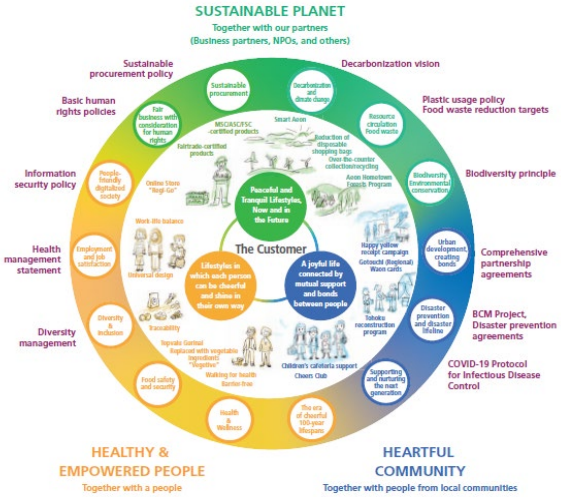
1. Goal of Sustainability

Vision for Sustainability

Sustainability Activity Areas that Aeon Takes through Its Business Activities with "Living" as a Keyword

In light of changes in the times and social conditions, we have reconsidered the responsibilities that Aeon should fulfill and the environmental and social issues that we can solve through our business activities. Aeon's sustainability direction is to contribute to the happiness of our customers now and in the future. Aeon's raison d'être is to continue proposing a "better life" that will lead to the future, and we define Aeon's sustainability goals and express the overall picture with the "Sustainability Compass." From an ESG perspective, we are working on long-term efforts to resolve environmental and social issues on a global level.



Sustainability Policy

CSO message	https://www.aeon.info/en/sustainability/message/
Aeon Decarbonization Vision	https://www.aeon.info/en/sustainability/datsutanso/
Aeon Plastic Usage Policy	https://www.aeon.info/en/sustainability/plastic/
Aeon Food Waste Reduction Targets	https://www.aeon.info/en/sustainability/haikibutsu/
Aeon Biodiversity Principle	https://www.aeon.info/en/sustainability/biodiversity/
Aeon Sustainable Procurement	https://www.aeon.info/en/sustainability/procurement/
Aeon Human Rights Policy	https://www.aeon.info/en/humanrights/humanrightspolicy/
Aeon Supplier Code of Conduct (CoC)	https://www.aeon.info/en/sustainability/social/coc/

Environmental management system

Promoting an environmental management system that is integrated with business

Aeon has built and operates an environmental management system in order to realize the sustainable management that the group aims for. At Aeon, which operates a variety of businesses, each company incorporates group policies into its own activities based on its own business characteristics, and works to address its own unique challenges. The status of each company's efforts is shared and evaluated throughout the group, led by Environment and Social Contribution Manager, and we are moving forward with activities aiming for even greater results.

Internal audit

Companies that have obtained ISO 14001 certification regularly carry out internal audits of their companies and offices, and take initiatives to resolve issues not only in individual departments but also throughout the company.
Furthermore, we have incorporated items related to environmental management, such as response to group policies and legal compliance status, into the audit items determined by the Corporate Audit , and we also maintain and confirm the management level of companies that have not obtained certification. We have a system in place to do so.

Major Initiatives	Performance Indicators	Scope	FY2021 Results	FY2022 Results	FY2023 Results
Promotion of environmental management centered on ISO14001	ISO14001 certified company	Consolidated group companies in Japan and overseas	31	31	30
	Coverage (operating revenue)		Approx.70%	Approx.70%	Approx.70%

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2. Environment

Realizing a Decarbonized Society

Policy for realizing a decarbonized society
Aeon Decarbonization Vision

■Specific Initiatives
-Efforts to realize a decarbonized society
-Aeon Natural Refrigerants Declaration
-Recharging Stations for Electric Vehicles

Aeon's three-pronged approach of Stores, Products and Logistics, and Hand in Hand with Customers aims to reduce the total greenhouse gas emissions of its stores to zero through energy savings and energy generation and realize a decarbonized society.

https://www.aeon.info/en/sustainability/datsutanso/
https://www.aeon.info/en/sustainability/environment/refrigerants/
https://www.aeon.info/en/sustainability/environment/ev_station/

Major Initiatives		Performance Indicators	Scope	FY2021 Results	FY2022 Results	FY2023 Results
CO_2 reductions at stores	CO_2 emission reductions	Annual CO_2 emissions per unit (CO_2 emissions / total floor area)	Consolidated group companies in Japan and overseas	0.072 t-CO_2/㎡	0.0688 t-CO_2/㎡	0.0372 t-CO_2/㎡
		Total CO_2 emissions from the group (Scope 1, 2)		3,035,541 t-CO_2	2,925,591 t-CO_2	1,617,407 t-CO_2
	Improved energy usage efficiency	Annual energy use factor (amount of heat / total floor area)		2.034 GJ/㎡	1.974 GJ/㎡	1.873 GJ/㎡
		Number of stores introducing freezers and refrigerators that use natural refrigerants	Consolidated GMS, SM, DS and small-sized store business companies in Japan	1,224 stores	1,407 stores	over 1,700 stores
	Energy creation at stores	Development of stores equipped with solar panel equipment (including PPA models, etc.)	Consolidated group companies in Japan and overseas	1,086 stores	1,120 stores	1,327 stores
		Installation of electric vehicle charging stations	Shopping centers in Japan and overseas	2,718 units	2,895 units	3,156 units
CO_2 reductions in products and logistics	CO_2 reductions through the visualization of logistics	CO_2 emissions due to transportation and delivery (Scope 3: Category 4)	Aeon Global SCM Co., Ltd.	219,696 t-CO_2	214,172 t-CO_2	205,589 t-CO_2
CO_2 emission reductions across the supply chain (Scope 3)	CO_2 emission reductions	Total CO_2 emissions across the supply chain	Consolidated group companies in Japan and overseas	6,567,878 t-CO_2	6,781,663 t-CO_2	7,080,240 t-CO_2

Promotion of Resource Recycling

Policy for reducing single-use plastics
Aeon Plastic Usage Policy

■Specific Initiatives
-resource recycling
-Reduction of diposable plastics

Aiming to realize a decarbonized and resource-recycling society, Aeon has set a target of halving the use of single-use plastics by 2030. Aeon is promoting the establishment of a new recycling-oriented lifestyle through its stores, products, and services, such as shifting from fossil fuels to environmentally friendly materials and establishing a resource-recycling model based in stores.

https://www.aeon.info/en/sustainability/environment/reuse/
https://www.aeon.info/en/sustainability/environment/mybag/

Major Initiatives		Performance Indicators	Scope	FY2021 Results	FY2022 Results	FY2023 Results
Waste reductions at stores	Waste reductions	Reductions to the amount of disposable plastics used	Specified business operators under the Containers/Packaging Recycling Act among consolidated group companies in Japan	Approx. 898kg	Approx. 906kg	Approx. 855kg
		Total Usage		75,967 t	78,802 t	74,455 t
		Amount of paper and glass used in containers and packaging		paper : 10,369 t glass : 5,354 t	paper : 10,387 t glass : 5,239 t	paper : 11,567 t glass : 5,014 t
Waste reductions promoted together with customers	Reducing disposable plastic shopping bags	Rate of customers refusing plastic bags	Consolidated GMS, SM companies in Japan and overseas	82.5%	84.1%	83.8%
	Store resource collection amount	Paper pack collection amount		4,881 t	4,669 t	5,496 t
		Food tray collection amount		3,226 t	3,751 t	3,936 t
		Aluminum can collection amount		5,839 t	5,830 t	6,125 t
		PET bottle collection amount		12,429 t	13,541 t	15,005 t

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2. Environment

Promotion of Resource Recycling (food waste)

Policy for Reducing Food Waste **Aeon Food Waste Reduction Targets**	Aeon recognizes that reducing food waste is an important issue for food retailers. The entire Aeon Group is working to achieve the 2025 target of reducing food waste.

Major Initiatives		Performance Indicators	Scope	FY2021 Results	FY2022 Results	FY2023 Results
Food waste reductions at stores	Food waste reductions	Amount of food waste generated (units per million yen of sales)	Consolidated GMS, SM companies in Japan and overseas (food-related companies)	27.0 kg/1million yen	23.8kg/1million yen	22.1kg/1million yen
		Total amount of food waste		141,391 t	129,663 t	122,727 t
	Promotion of food resource recycling	Implementation rate of food waste recycled use, etc.		66.1%	71.4%	72.8%
		Construction of food recycling loop		14 locations	14 locations	14 locations

Water resources

Efficient use of water resources	We are working to understand the current situation in order to establish a management system for the usage status of water resources used in our business.

Major Initiatives		Performance Indicators	Scope	FY2021 Results	FY2022 Results	FY2023 Results
Strengthening management of water used at business sites	Water consumption	Amount of tap Water used	Consolidated group companies in Japan	21.3 t	20.9 t	14.6 t
		Amount of Well water usage		4.6 t	4.5 t	2.2 t
		Coverage (operating revenue		27.7%	26.7%	31.1%

Preservation of Biodiversity (Aeon forest creation, sustainable procurement)

Policy for biodiversity conservation	Based on the recognition that Aeon's business would not be possible without ecosystem services such as agricultural, fisheries, and forest products, we consider the conservation of biodiversity to be an important issue.
Aeon Sustainable Procurement Principle	In accordance with the action guidelines established in the Aeon Biodiversity Policy, we have formulated the Aeon Sustainable Procurement Principles with the aim of achieving both the sustainability of natural resources and the continuous development of business activities.
Aeon's Sustainable Procurement Policy	In order to promote more sustainable procurement at each stage of the life cycle, from the procurement of raw materials to production, sales, use, and disposal, we have adopted a "Sustainable Procurement Policy" to promote more sustainable procurement as a responsibility of the retail industry. , livestock products, marine products, paper/pulp/wood, and palm oil products.
■Specific Initiatives -Aeon's tree planting activities -Tree Planting Activities by Aeon -Sustainable Procurement -Fair trade cacao	https://www.aeon.info/en/sustainability/environment/shokuju/ https://www.aeon.info/ef/en/greening_activities/ https://www.aeon.info/en/sustainability/social/fair_trade/coffee/ https://www.aeon.info/en/sustainability/social/fair_trade/

Major Initiatives		Performance Indicators	Scope	FY2020 Results	FY2022 Results	FY2023 Results
Sutainable Procurement	Cacao, Coffee, Tea, and etc.	# of Fairtrade-certified products	Consolidated GMS, SM companies in Japan (food related business)	20	27 (as of Aug, 2023)	25 (as of Aug, 2024)
	Sustainable Procurement of Agricultural Products	# of acquisition of Organic JAS Certification		361	573 (as of Jan, 2024)	437
	Sustainable Procurement of Seafood	# of MSC-certified products		52 items out of 29 fish species	50 items out of 29 fish species	46 items out of 27 fish species
		# of ASC-certified products		22 items out of 12 fish species	24 items out of 12 fish species	25 items out of 13 fish species

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3. Society

Collaborating with the Community

Initiatives for collaborating with the communty

As a corporate citizen, Aeon considers the local community as a partner. We work together to ensure the safety of the community and the development of the next generation. We work with local people and governments to develop communities and build bonds that contribute to the development of the community and the improvement of living culture. Masu. In the event of an emergency such as a large-scale natural disaster or serious incident or accident, in order to fulfill the mission of the retail industry, which is the "lifeline of daily life," we cooperate with the government and take actions to protect the lives of local communities. We continue to provide education and training so that we can respond quickly and accurately in accordance with regulations and procedure manuals.
In recent years, natural disasters such as earthquakes and torrential rains caused by abnormal weather have increased, as well as assumed risks such as terrorism and explosions. Aiming to build a management system that enhances the effectiveness of the Aeon Group, we have formulated the Aeon Group BCM (Business Continuity Management) and are implementing the Aeon BCM Project.

■Specific Initiatives

-Aeon Happy Yellow Receipt Campaign	https://www.aeon.info/en/sustainability/social/yellow/
-Aeon Cheers Club	https://aeon1p.or.jp/1p/en/youth/cheers/
-Aeon disaster prevention (Aeon BCM project)	https://www.aeon.info/en/sustainability/social/bousai/
-Gotouchi (Regional) Waon Cards	https://www.aeon.info/en/sustainability/social/waon/
-Concluding Comprehensive Cooperation Agreements	https://www.aeon.info/en/sustainability/social/bousai/
-Aeon Welfare Fund	https://www.aeon.info/en/sustainability/social/shakaifukushikikin/

Major Initiatives		Performance Indicators	Scope	FY2021 Results	FY2022 Results	FY2023 Results
Regional vitality	Giving back to local communities	Aeon Happy Yellow Receipt Campaign target attainment rate	19 GMS/SM companies in the group	55.7%	48.4%	48.4%
		Aeon Happy Yellow Receipt Campaign Cumulative donation amount	19 GMS/SM companies in the group	4.62 billion yen	4.91 billion yen	4.91 billion yen
		Comprehensive Partnership Agreement	All domestic group companies	130 (44 prefectures and 86 cities and wards)	134 (44 prefectures and 90 cities and wards)	141 (44 prefectures and 96 cities and wards)
		Number of Local WAON Card Types	All domestic group companies	162	165	173
		Total Donations from Local WAON Cards	All domestic group companies	2.32 billion yen	2.64 billion yen	2.98 billion yen
	Response to Disaster Preparedness	Number of Disaster Preparedness Centers	All domestic group companies	65 facilities in 33 prefectures	66 facilities in 33 prefectures	67 facilities in 33 prefectures
		Number of Disaster Preparedness Agreements Signed	All domestic group companies	approximately 750 municipalities	approximately 770 municipalities	789 municipalities
	Support system enabling people to shop with peace of mind	Development of dementia supporters	All domestic group companies	81,701	82,904	86,256
		Development of service care workers	26 domestic group companies	11,142	11,185	11,271
	Promotion of volunteer activities(Aeon Heartful Volunteer)	Number of Aeon Heartful Volunteer participants	All domestic group companies	-	316,887	281,971
		Number of Aeon Heartful Volunteer activities	All domestic group companies	-	76	102
Supporting and Nurturing the Next Generation	Nurturing the Next Generation	Number of clubs affiliated with Aeon Cheers Club	Mainly owned by Aeon Retail Co., Ltd.	420	396	408
		Number of participants in Aeon Cheers Club	Mainly owned by Aeon Retail Co., Ltd.	5,200	4,200	4,467

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4. Human Rights

Respect for Human Rights	Policy for respecting human rights **Aeon Human Rights Policy** **■Specific Initiatives** -Human rights initiatives -Respect for Employee Human Rights -Human Rights Education	Human rights are the foundation for solving all social issues, and various domestic and international laws and guidelines require companies to take the initiative in addressing human rights issues. In 2003, Aeon established the Aeon Code of Conduct in order to realize its basic philosophy of respecting human beings. In order to promote this, Aeon formulated the Aeon Human Rights Basic Policy in fiscal 2008. In fiscal 2014, the code was revised to clearly state that discrimination on the grounds of sexual orientation and gender identity is prohibited. In fiscal 2018, Aeon revised its Basic Human Rights Policy to broaden the scope to include the human rights of suppliers. The revised Basic Human Rights Policy states that Aeon is committed to respecting human rights in accordance with international laws and agreements in addition to domestic laws, and that it is open to all stakeholders involved in Aeon's business activities. It also establishes a human rights due diligence process for the impact of its business activities on human rights and aims to realize a society in which human rights are respected. https://www.aeon.info/en/humanrights/ https://www.aeon.info/en/humanrights/aeonhumanrightsrespecting/ https://www.aeon.info/en/humanrights/aeonhumanrightseducation/
Fair Business with Consideration for Human Rights	Policy towards respecting Human Rights **Aeon Supplier Code of Conduct** Contains: *Recognition of freedom of association and the right to collective bargaining *Prohibition of forced labor *Prohibition of child labor *Elimination of discrimination *Safe and healthy working conditions **■Specific Initiatives** -Supplier Code of Conduct CoC -Human Rights workshop (Human Rights risk assessment) -Supplier Hotline	We recognize that "respect for human rights" is important in putting the "customer first" into practice, and we believe that respect for human rights is a given not only for our group's employees but also for our supply chain. In order to work with our business partners (suppliers) to implement a human rights due diligence cycle aimed at reducing negative impacts in our business activities and preventing their occurrence, we have established the Aeon Supplier Code of Conduct. We are encouraging all business partners to comply. https://www.aeon.info/en/sustainability/social/coc/ https://www.aeon.info/en/humanrights/ https://www.aeon.info/en/sustainability/contact/

Major Initiatives		Performance Indicators	Scope	FY2021 Results	FY2022 Results	FY2023 Results
monitoring Aeon Supplier Chain of Custody Audit	External Audit Conducted	Conducting Pre-Production Audits	Contract Manufacturing Factories Outside Japan	68	61	99
	New Second-Party Audit Conducted	Conducting Pre-Production Audits	Manufacturing Factories in Japan	82	75	53
	Second-Party Audits conducted	Regular Audit Every Two Years	Contract Manufacturing Factories Outside Japan	164	254	219
			Manufacturing Factories in Japan	210	339	340
	First-Party Audits conducted	Regular audit every two years	Contract Manufacturing Factories Outside Japan	11	2	6
			Manufacturing Factories in Japan	242	229	295
access to relief Number of inquiries received through the hotline*	Number of consultations	Number of Calls	Domestic Supply Chain Employees	109	84	200
		Valid Number	Applicable Number of Consultations	11	31	52
	Number of completed	Completion of Consultation Case	Number of Completed Cases	8	31	52

＊1 The number of calls received includes consultations from Group employees and consumers.
＊2 There are several people who have asked to stop the investigation for fear of being identified or retaliation during the consultation.

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5. Human Capital

Human Capital	Initiatives to respect employee diversity and support the growth of each individual	Aeon has been actively promoting management that respects human beings since its founding. Based on the basic philosophy of human resources, which is to listen to the "aspirations" of employees, understand their "hearts and minds," and make the most of their abilities, Aeon has sought to enrich the lives of each employee at the company, at home, and in the community. **Basic concept of human resources** ■ Creating a corporate environment where human resources can continue to grow and continue working for the long term ■ Human resources based on ability and results, regardless of nationality, age, gender, or employee classification
	■Specific Initiatives -Aeon Foundational Ideals -Aeon Group Future Vision -Aeon Human Rights Policy -Respect for employee Human Rights -Aeon Health Management -Diversity & Inclusion -Aeon Supplier Code of Conduct -Supplier Hotline	https://www.aeon.info/en/company/concept/ https://www.aeon.info/en/company/code_of_conduct/ https://www.aeon.info/en/humanrights/humanrightspolicy/ https://www.aeon.info/en/humanrights/aeonhumanrightsrespecting/ https://www.aeon.info/en/sustainability/health/ https://www.aeon.info/en/diversity/ https://www.aeon.info/en/sustainability/social/coc/ https://www.aeon.info/en/sustainability/contact/

Major Initiatives		Performance Indicators	Scope	FY2021 Results	FY2022 Results	FY2023 Results
Promotion of diversity & inclusion	Promoting the success of diverse human resources	Ratio of female managers	All domestic group companies	26.0%	26.4%	28.7%
		Number of Female Managers	All domestic group companies	8,967	9,131	11,562
		Employment ratio of persons with disabilities	All domestic group companies	2.7%	2.8%	2.8%
		Number of Employed Persons with Disabilities	All domestic group companies	9,120	8,591	9,165
Workstyle reform	Improving productivity	Paid leave usage rate	All domestic group companies	66.3%	70.9%	75.5%
		Number of employees hired (new graduates)	All domestic group companies	3,377	3,244	3,157
		Number of employees hired (mid-career hires)	All domestic group companies	2,114	2,479	2,948
		Mid-career recruitment ratio	All domestic group companies	38.5%	43.3%	54.8%
Wellness promotion	Promoting health and productivity management	Percentage of employees undergoing periodic health examinations	Aeon Co., Ltd./ Aeon Retail Co., Ltd.	98.4%	98.5%	98.1%
		Percentage of employees undergoing detailed follow-up examinations when required	Aeon Co., Ltd./ Aeon Retail Co., Ltd.	76.5%	76.2%	76.5%
		Specific health guidance implementation rate	Aeon Co., Ltd./ Aeon Retail Co., Ltd.	55.0%	62.4%	66.1%
		Percentage of employees undergoing stress checks	Aeon Co., Ltd./ Aeon Retail Co., Ltd.	99.6%	99.2%	99.6%
	Smoking cessation support	Employee smoking rate	Aeon Co., Ltd./ Aeon Retail Co., Ltd.	19.4%	18.4%	17.5%
Human resource development	Improving employee satisfaction levels	Number of employees completing employee surveys	All domestic group companies	327,640	348,746	344,787

6. Third Party Verification

Verification of Greenhouse Gas Emissions by Third Party 1

Between May and July 2024, we conducted third-party verifications at 56 consolidated Group companies, including Aeon Co., Ltd.
We will continue to improve data reliability and reduce greenhouse gas emissions.

1. Scope of Verification
   Energy-derived CO2 emissions (Scope 1 and Scope 2) between April 1, 2022, and March 31, 2023, by 31 Group companies, including Aeon Co., Ltd.

2. Methodology
   ISO14064-3 We received third-party verification based on the requirements of ISO 14064-3 Greenhouse gases-Part 3: Specification with guidance for the validation and verification of greenhouse gas assertions.

JQA

発行日 2023年7月31日
第 1011004648 号

温室効果ガス排出量検証報告書

イオン株式会社 御中

1. 検証の対象

一般財団法人日本品質保証機構(JQA)(以下、「当機構」という。)は、イオン株式会社が作成した「2021年度GHG排出量算定報告書」(以下、「算定報告書」という。)に記載された2021年度のスコープ1及びスコープ2のエネルギー起源CO2排出量が、同社により作成された「温室効果ガス排出量算定手順(2021年3月31日更新)」(以下、「算定ルール」という。)に準拠し、正確に測定、算出されていることについて第三者検証を行った。2021年度とは、2021年4月1日～2022年3月31日までの期間をいう。検証の目的は、算定報告書を客観的に評価し、同社の温室効果ガス(GHG)排出量に係る情報の信頼性をより高めることにある。

2. 実施した検証の概要

当機構は、ISO14064-3に準拠して検証を実施した。本検証業務の対象温室効果ガスはスコープ1及びスコープ2のエネルギー起源CO2排出量、検証水準は「限定的保証水準」。本業務の重要性の量的判断基準値は、総排出量に対する0.5%と表示した。検証では、算定ルール及び全体の算定集計体制の確認を行い、その後サンプリングにより検査について現地検証を行った。現地検証では、本拠点の算定集計体制の確認、算定対象範囲の確認、エネルギー起源CO2排出源及びCO2排出量の決定はイオン株式会社が行った。

3. 検証の結論

算定報告書に記載されるイオン株式会社及び関連会社合計31社の、2021年度のスコープ1及びスコープ2のエネルギー起源CO2排出量に係る情報の記載については、算定ルールに準拠し、正確に算定されていない事項は発見されなかった。

4. 留意事項

算定報告書の作成責任はイオン株式会社にあり、GHG排出量検証の責任は当機構にある。イオン株式会社と当機構との間には、特定の利害関係はない。

東京都千代田区神田駿河台一丁目26番地
一般財団法人日本品質保証機構
理事 浅田純男

本証は付属書を合わせてご覧ください。
1/2

Verification of Greenhouse Gas Emissions by Third Party 2

In FY2023, we conducted a third-party verification of greenhouse gas emissions associated with the transportation activities of Aeon Global SCM Co., Ltd., which plays a central role in Aeon Group logistics.

1. Scope of Verification
   A portion of greenhouse gases associated with the domestic transportation of products handled by Aeon Global SCM Co., Ltd., from April 1, 2022, to March 31, 2023.

2. Methodology
   We received third-party verification based on the requirements of ISO 14064-3 : Greenhouse gases-Part 3: Specification with guidance for the validation and verification of greenhouse gas assertions.

JQA

発行日 2023年7月31日
第 1011004645 号

温室効果ガス排出量検証報告書

イオン株式会社 様

1. 検証の対象

一般財団法人日本品質保証機構(JQA)(以下、「当機構」という。)は、イオン株式会社が作成した「イオン株式会社 2021年度温室効果ガス排出量算定報告書(Scope3 カテゴリー4)」(以下、「算定報告書」という。)に記載された2021年度のScope3のカテゴリー4の温室効果ガス排出量が、同社により作成された「イオン株式会社 温室効果ガス排出量算定手順(2021年3月31日更新)」(以下、「算定ルール」という。)に準拠し、正確に測定、算出されていることについて第三者検証を行った。

検証の目的は、「算定報告書」の2021年度(2021年4月1日～2022年3月31日)のScope3のカテゴリー4の温室効果ガス排出量を客観的に評価し、同社のScope3のカテゴリー4の温室効果ガス排出量の算定の信頼性をより高めることにある。

2. 実施した検証の概要

当機構は、ISO14064-3に準拠して検証を実施した。本検証業務の温室効果ガス排出量の対象活動範囲はScope3対象カテゴリー4のエネルギー起源二酸化炭素排出量であり、検証水準は「限定的保証水準」。重要性の量的判断基準は、総排出量の0%とした。また、本検証業務の対象組織範囲はイオン株式会社の関連会社7社とした。検証では、「算定ルール」の確認、算定体制構築の確認、算定シートのリカバリーロケーションの確認、算定集計体制の確認、排出量データについて関係資料との突合せを行った。

3. 検証の結論

検証の対象となった「算定報告書」の2021年度のScope3カテゴリー4の温室効果ガス排出量において、「算定ルール」に準拠せず、正確に算定されていない事項は発見されなかった。

4. 留意事項

「算定報告書」の作成責任はイオン株式会社にあり、Scope3カテゴリー4の温室効果ガス排出量の検証の結論に関する責任は当機構にある。イオン株式会社と当機構との間には、特定の利害関係はない。

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一般財団法人日本品質保証機構
理事 浅田純男

Aeon Sustainability Data Book

7. Environmental Accounting

Main Category	Subcategory	Accounting Items	FY2022 Results	FY2023 Results	FY2022 Results	FY2023 Results	FY2022 Results	FY2023 Results
			Environmental Conservation Costs (Thousand JPY)		Economic Benefits (Thousand JPY)		CO2 Reduction (t −CO_2)	
Realization of Decarbonized Society	Generation of electricity	Installation cost for photovoltaic power systems	36,629	167,346	84,954	137,004	24,410	32,307
	Energy-saving	Adoption of energy-efficient equipment (installation of LED lighting, visualization of energy usage, etc.)	8,977,983	20,138,327	1,547,374	3,276,388	500,661	64,676
	Management of fluorocarbon	Adoption of natural refrigerant equipment,	1,661,400	1,492,500	-	-	-	-
	Carbon offsets	Carbon offsets	28,034	79,284	-	-	4,335	52,976
	Distribution	Adoption of modal shift, etc.	2,304,218	2,199,106	51,763	105,112	12,802	18,041
		Subtotal	13,008,264	24,076,563	1,684,091	3,518,504	542,208	168,000
Conservation of Biodiversity	Tree-planting activities	Aeon Hometown Forests Program tree-planting, ceremony, construction costs,	169,806	40,491	-	-	854	1,052
		Regular maintenance for planted zones,	967,070	1,199,496	-	-	-	-
		Subtotal	1,136,876	1,329,987	-	-	854	1,052
Better Use of Resources	Waste disposal	Waste disposal at stores, offices, etc.	12,770,415	11,397,395	433,917	943,849	-	-
	Reduction of waste	Processing cost of recyclables collected in-store	345,043	559,374	834,584	716,069	124,857	134,244
		Processing cost of recycling food residue, etc.	1,289,143	1,365,914	581,533	172,423	-	-
	Reduction of materials used in packaging and containers	Consignment fees for recycling in accordance with the Container Recycling Law, etc.	1,535,499	1,749,350	-	-	102,554	101,640
		Subtotal	15,940,100	15,072,033	1,850,034	1,832,341	227,411	235,884
Collaborating with the Community	Contributions to local communities	Contributions to the Aeon Happy Yellow Receipt Campaign*	316,023	301,067	-	-	-	-
	Human resources development	Activities of the Aeon Cheers Club	62,563	48,036	-	-	-	-
	Tohoku reconstruction support	Coastal forest regeneration in the disaster area, Aeon's future co-creation program	314,015	792,822	-	-	-	-
	Human rights issues	COC audit, fair trade products	34,280	31,094	-	-	-	-
		Subtotal	726,881	1,173,019	-	-	-	-
Environmental Communication	Dissemination and disclosure of environmental information	Production of Environmental and Social Report, environmental advertising, etc.	236,978	134,964	-	-	-	-
	Donations, etc.	Membership dues in and donations for environmental organizations (donations, etc., to local WAON)	482,413	393,311	-	-	-	-
		Subtotal	719,391	528,275	-	-	-	-
Environmental Management	Management of waste disposal	Waste disposal management-related expenses	3,659,735	2,828,416	3,985	3,673	-	-
	Operation of EMS (environmental management system)	Cost of implementing the environmental management system (ISO)	52,211	56,244	-	-	-	-
	Maintenance of equipment and devices	Maintenance and management of equipment for preventing environmental pollution, prevention of environmental accidents, and restoration in case of an accident	8,091,482	9,074,514	-	-	-	-
		Subtotal	11,803,428	11,959,174	3,985	3,673	-	-
Total			**43,334,940**	**54,049,051**	**3,538,110**	**5,354,518**	**770,473**	**404,936**

Applicable companies: 64 consolidated Group companies (General Merchandise Store Business, Supermarket Business, Health & Wellness Business, Financial Services Business, Shopping center Development Business, Services & Specialty Store Business, shared function companies, etc.)

* Activities of volunteer groups receiving Aeon Happy Yellow Receipt Campaign proceeds: (1) promoting welfare, (2) promoting environmental conservation and education, (3) promoting urban development, (4) promoting arts and culture, (5) promoting child health and safety